

Supplementary Materials

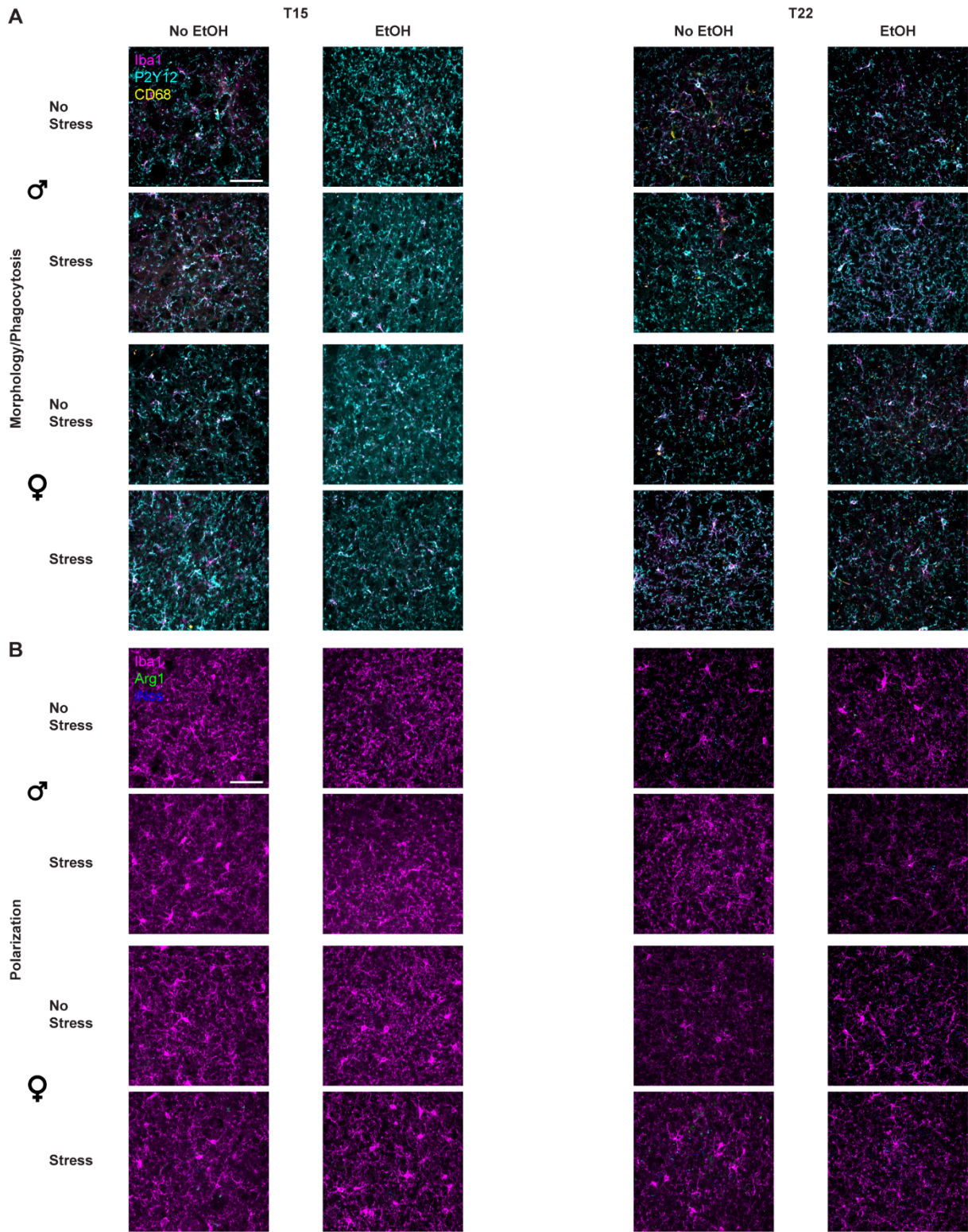


Fig. S1: Representative micrographs for BLA microglia.

Data shown in Figs. 2-3. All images are shown as Max Intensity Z-Projections. **A.** Representative images for the Morphology/Lysosome stain; Iba1 is magenta, P2Y12 is cyan, and CD68 is yellow. **B.** Representative images for the Polarization stain; Iba1 is magenta, Arg1 is green, and iNos is blue. Scale bar = 50 μ m.

Table S1: Complete statistical analyses for characterization of BLA microglia.
Data shown in Figs. 2-3 and S1. * $p < 0.05$.

	T15		T22	
Analysis	F / t	p	F / t	p
3-way ANOVA: Microglia Density	Fig. 2A		Fig. 3A	
Effect of Sex	$F_{1,40} = 2.827$	0.1005	$F_{1,40} = 0.1979$	0.6588
Effect of Stress	$F_{1,40} = 2.246$	0.1418	$F_{1,40} = 0.7380$	0.3954
Effect of EtOH	$F_{1,40} = 5.776$	0.0210*	$F_{1,40} = 0.3213$	0.5740
Sex x Stress Interaction	$F_{1,40} = 1.448$	0.2359	$F_{1,40} = 0.8070$	0.3744
Sex x EtOH Interaction	$F_{1,40} = 0.09070$	0.7648	$F_{1,40} = 5.425$	0.0250*
Stress x EtOH Interaction	$F_{1,40} = 0.1668$	0.6851	$F_{1,40} = 0.05048$	0.8234
Sex x Stress x EtOH Interaction	$F_{1,40} = 6.278$	0.0164*	$F_{1,40} = 2.990$	0.0915
2-way ANOVA: Microglia Density, Males	Fig. 2A		Fig. 3A	
Effect of Stress	$F_{1,20} = 0.04283$	0.8381	$F_{1,20} = 0.001002$	0.2396
Effect of EtOH	$F_{1,20} = 3.598$	0.0724	$F_{1,20} = 5.443$	0.0302*
Stress x EtOH Interaction	$F_{1,20} = 4.178$	0.0544	$F_{1,20} = 1.469$	0.2396
Šídák's multiple comparisons test: Microglia Density, Males			Fig. 3A	
No Stress/No EtOH v. No Stress/EtOH			$t = 0.7927$	0.6833
Stress/No EtOH v. Stress/EtOH			$t = 2.507$	0.0414*
No EtOH/No Stress v. No EtOH/Stress			$t = 0.8346$	0.6563
EtOH/No Stress v. EtOH/Stress			$t = 0.8794$	0.6274
2-way ANOVA: Microglia Density, Females	Fig. 2A		Fig. 3A	
Effect of Stress	$F_{1,20} = 3.711$	0.0684	$F_{1,20} = 1.256$	0.2757
Effect of EtOH	$F_{1,20} = 2.246$	0.1496	$F_{1,20} = 1.263$	0.2744
Stress x EtOH Interaction	$F_{1,20} = 2.236$	0.1505	$F_{1,20} = 1.552$	0.2272

3-way ANOVA: Microglia Soma Size	Fig. 2B		Fig. 3B	
Effect of Sex	$F_{1,40} = 0.0228$	0.8807	$F_{1,40} = 0.01323$	0.9090
Effect of Stress	$F_{1,40} = 0.1240$	0.7266	$F_{1,40} = 0.02411$	0.8774
Effect of EtOH	$F_{1,40} = 0.4541$	0.5043	$F_{1,40} = 0.01529$	0.9022
Sex x Stress Interaction	$F_{1,40} = 0.5633$	0.4573	$F_{1,40} = 1.308$	0.2595
Sex x EtOH Interaction	$F_{1,40} = 0.3285$	0.5697	$F_{1,40} = 0.01099$	0.9170
Stress x EtOH Interaction	$F_{1,40} = 0.4078$	0.5267	$F_{1,40} = 0.001190$	0.9727
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.09806$	0.7558	$F_{1,40} = 0.8471$	0.3629
3-way ANOVA: Branches per Microglia	Fig. 2C		Fig. 3C	
Effect of Sex	$F_{1,40} = 4.683$	0.0365*	$F_{1,40} = 1.601$	0.2131
Effect of Stress	$F_{1,40} = 0.4065$	0.5274	$F_{1,40} = 0.9688$	0.3309
Effect of EtOH	$F_{1,40} = 4.021$	0.0517	$F_{1,40} = 0.2696$	0.6065
Sex x Stress Interaction	$F_{1,40} = 1.079$	0.3052	$F_{1,40} = 0.1434$	0.7069
Sex x EtOH Interaction	$F_{1,40} = 1.117$	0.2970	$F_{1,40} = 1.513$	0.2259
Stress x EtOH Interaction	$F_{1,40} = 0.5978$	0.440	$F_{1,40} = 0.06967$	0.7932
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.785$	0.1891	$F_{1,40} = 2.521$	0.1202
3-way ANOVA: Max Branch Length	Fig. 2D		Fig. 3D	
Effect of Sex	$F_{1,40} = 0.5019$	0.4828	$F_{1,39} = 0.2489$	0.6206
Effect of Stress	$F_{1,40} = 0.6967$	0.4088	$F_{1,39} = 2.733$	0.1063
Effect of EtOH	$F_{1,40} = 1.415$	0.2413	$F_{1,39} = 3.269$	0.0783
Sex x Stress Interaction	$F_{1,40} = 0.8789$	0.3541	$F_{1,39} = 2.330$	0.1350
Sex x EtOH Interaction	$F_{1,40} = 0.09262$	0.7625	$F_{1,39} = 0.8869$	0.3521
Stress x EtOH Interaction	$F_{1,40} = 0.05124$	0.8221	$F_{1,39} = 0.0003573$	0.9850
Sex x Stress x EtOH Interaction	$F_{1,40} = 2.526$	0.1198	$F_{1,39} = 0.004653$	0.9460
3-way ANOVA: %CD68 Colocalization with Microglia	Fig. 2E		Fig. 3E	

Effect of Sex	$F_{1,40} = 0.09250$	0.7626	$F_{1,39} = 0.0008815$	0.9765
Effect of Stress	$F_{1,40} = 0.03130$	0.8605	$F_{1,39} = 0.7014$	0.4074
Effect of EtOH	$F_{1,40} = 6.936$	0.0120*	$F_{1,39} = 1.137$	2.928
Sex x Stress Interaction	$F_{1,40} = 0.1541$	0.6967	$F_{1,39} = 0.05490$	0.8160
Sex x EtOH Interaction	$F_{1,40} = 0.1403$	0.7099	$F_{1,39} = 0.08755$	0.7689
Stress x EtOH Interaction	$F_{1,40} = 0.004071$	0.9494	$F_{1,39} = 0.04733$	0.8289
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.02871$	0.8663	$F_{1,39} = 0.002687$	0.9589
3-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺	Fig. 2F		Fig. 3F	
Effect of Sex	$F_{1,40} = 0.06263$	0.8037	$F_{1,39} = 0.6208$	0.4355
Effect of Stress	$F_{1,40} = 0.9220$	0.3427	$F_{1,39} = 2.710$	0.1077
Effect of EtOH	$F_{1,40} = 3.656$	0.0630	$F_{1,39} = 1.135$	0.2933
Sex x Stress Interaction	$F_{1,40} = 0.02014$	0.8879	$F_{1,39} = 1.146$	0.2910
Sex x EtOH Interaction	$F_{1,40} = 0.2647$	0.6097	$F_{1,39} = 0.04913$	0.8257
Stress x EtOH Interaction	$F_{1,40} = 0.08034$	0.7783	$F_{1,39} = 0.6369$	0.4297
Sex x Stress x EtOH Interaction	$F_{1,40} = 2.309$	0.1365	$F_{1,39} = 1.017$	0.3194
3-way ANOVA: %iNos Colocalization with Iba1	Fig. 2G		Fig. 3G	
Effect of Sex	$F_{1,39} = 1.129$	0.2945	$F_{1,40} = 1.728$	0.1962
Effect of Stress	$F_{1,39} = 0.00004897$	0.9945	$F_{1,40} = 2.778$	0.1034
Effect of EtOH	$F_{1,39} = 0.3793$	0.5416	$F_{1,40} = 0.07964$	0.7792
Sex x Stress Interaction	$F_{1,39} = 4.455$	0.0413*	$F_{1,40} = 0.4295$	0.5160
Sex x EtOH Interaction	$F_{1,39} = 0.3086$	0.5817	$F_{1,40} = 0.2438$	0.6242
Stress x EtOH Interaction	$F_{1,39} = 0.2755$	0.6026	$F_{1,40} = 0.7993$	0.3767
Sex x Stress x EtOH Interaction	$F_{1,39} = 3.230$	0.0800	$F_{1,40} = 0.2898$	0.5934
2-way ANOVA: %iNos Colocalization with Iba1, Males	Fig. 2G			

Effect of Stress	$F_{1,20} = 1.623$	0.2173		
Effect of EtOH	$F_{1,20} = 0.5032$	0.4863		
Stress x EtOH Interaction	$F_{1,20} = 1.978$	0.1750		
2-way ANOVA: %iNos Colocalization with Iba1, Females	Fig. 2G			
Effect of Stress	$F_{1,19} = 3.764$	0.0674		
Effect of EtOH	$F_{1,19} = 0.003053$	0.9565		
Stress x EtOH Interaction	$F_{1,19} = 1.359$	0.2582		
3-way ANOVA: %Arg1 Colocalization with Iba1	Fig. 2H		Fig. 3H	
Effect of Sex	$F_{1,40} = 0.004179$	0.9488	$F_{1,38} = 1.415$	0.2416
Effect of Stress	$F_{1,40} = 0.9241$	0.3422	$F_{1,38} = 3.862$	0.0567
Effect of EtOH	$F_{1,40} = 1.302$	0.2606	$F_{1,38} = 0.005287$	0.9424
Sex x Stress Interaction	$F_{1,40} = 0.05860$	0.8100	$F_{1,38} = 1.931$	0.1728
Sex x EtOH Interaction	$F_{1,40} = 0.1276$	0.7228	$F_{1,38} = 0.2322$	0.6327
Stress x EtOH Interaction	$F_{1,40} = 0.4461$	0.5080	$F_{1,38} = 0.7706$	0.3856
Sex x Stress x EtOH Interaction	$F_{1,40} = 3.534$	0.0674	$F_{1,38} = 1.466$	0.2334

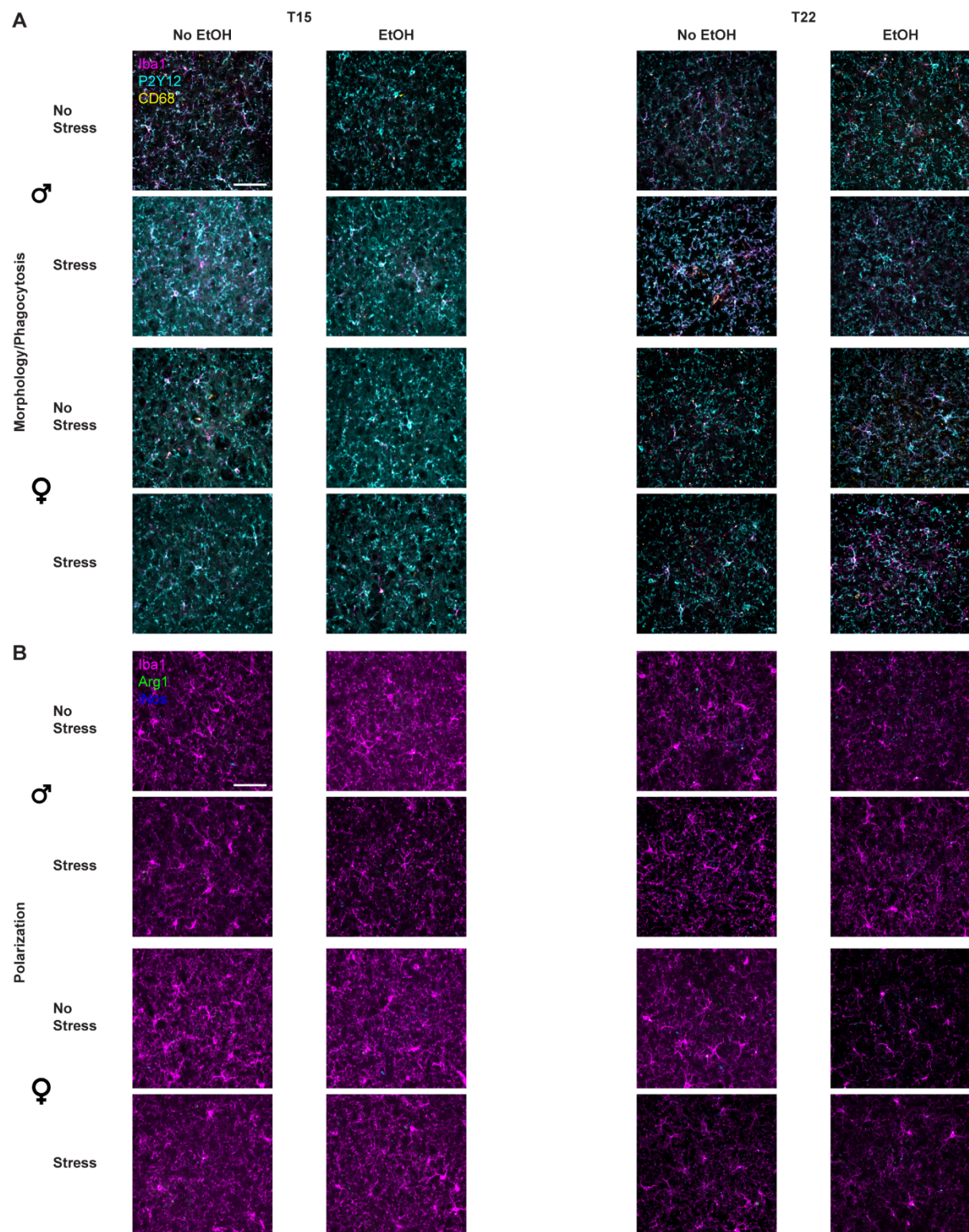


Fig. S2: Representative micrographs for CeA microglia.
 Data shown in Figs. 4-5. All images are shown as Max Intensity Z-Projections. **A.** Representative images for the Morphology/Lysosome stain; Iba1 is magenta, P2Y12 is

cyan, and CD68 is yellow. **B.** Representative images for the Polarization stain; Iba1 is magenta, Arg1 is green, and iNos is blue. Scale bar = 50 μ m.

Table S2: Complete statistical analyses for characterization of CeA microglia.
Data shown in Figs. 4-5 and S2. * $p < 0.05$; ** $p < 0.01$.

	T15		T22	
Analysis	F / t	p	F / t	p
3-way ANOVA: Microglia Density	Fig. 4A		Fig. 5A	
Effect of Sex	$F_{1,40} = 0.2003$	0.6569	$F_{1,40} = 8.986$	0.0047**
Effect of Stress	$F_{1,40} = 0.2487$	0.6208	$F_{1,40} = 0.01877$	0.8917
Effect of EtOH	$F_{1,40} = 2.315$	0.1360	$F_{1,40} = 0.2865$	0.5955
Sex x Stress Interaction	$F_{1,40} = 0.01746$	0.8955	$F_{1,40} = 0.1664$	0.6855
Sex x EtOH Interaction	$F_{1,40} = 1.734$	0.1954	$F_{1,40} = 0.01974$	0.8890
Stress x EtOH Interaction	$F_{1,40} = 1.919$	0.1737	$F_{1,40} = 0.6193$	0.4359
Sex x Stress x EtOH Interaction	$F_{1,40} = 2.420$	0.1277	$F_{1,40} = 0.06705$	0.7970
3-way ANOVA: Microglia Soma Size	Fig. 4B		Fig. 5B	
Effect of Sex	$F_{1,40} = 0.007658$	0.9307	$F_{1,40} = 1.818$	0.1852
Effect of Stress	$F_{1,40} = 0.02466$	0.8760	$F_{1,40} = 2.250$	0.1415
Effect of EtOH	$F_{1,40} = 0.1873$	0.6675	$F_{1,40} = 0.002722$	0.9587
Sex x Stress Interaction	$F_{1,40} = 0.08601$	0.7708	$F_{1,40} = 0.06918$	0.7939
Sex x EtOH Interaction	$F_{1,40} = 0.3238$	0.5725	$F_{1,40} = 0.09593$	0.7584
Stress x EtOH Interaction	$F_{1,40} = 1.063$	0.3087	$F_{1,40} = 1.435$	0.2380
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.7935$	0.3784	$F_{1,40} = 0.9271$	0.3414
3-way ANOVA: Branches per Microglia	Fig. 4C		Fig. 5C	
Effect of Sex	$F_{1,40} = 0.2268$	0.6365	$F_{1,40} = 7.910$	0.0076**
Effect of Stress	$F_{1,40} = 0.01084$	0.9176	$F_{1,40} = 0.05415$	0.8172

Effect of EtOH	$F_{1,40} = 2.481$	0.1231	$F_{1,40} = 0.001023$	0.9746
Sex x Stress Interaction	$F_{1,40} = 0.7438$	0.3936	$F_{1,40} = 0.0002639$	0.9871
Sex x EtOH Interaction	$F_{1,40} = 1.885$	0.1774	$F_{1,40} = 0.2593$	0.6134
Stress x EtOH Interaction	$F_{1,40} = 0.09391$	0.7608	$F_{1,40} = 0.3519$	0.5564
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.713$	0.1981	$F_{1,40} = 0.00417$	0.9473
3-way ANOVA: Max Branch Length	Fig. 4D		Fig. 5D	
Effect of Sex	$F_{1,40} = 0.004799$	0.9451	$F_{1,39} = 0.5371$	0.0258*
Effect of Stress	$F_{1,40} = 0.001569$	0.9686	$F_{1,39} = 0.02632$	0.8720
Effect of EtOH	$F_{1,40} = 4.727$	0.0357*	$F_{1,39} = 0.2620$	0.6117
Sex x Stress Interaction	$F_{1,40} = 2.479$	0.1232	$F_{1,39} = 0.002680$	0.9590
Sex x EtOH Interaction	$F_{1,40} = 1.351$	0.2520	$F_{1,39} = 0.4144$	0.5235
Stress x EtOH Interaction	$F_{1,40} = 1.231$	0.2738	$F_{1,39} = 0.1276$	0.7229
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.5198$	0.4751	$F_{1,39} = 0.2882$	0.5944
3-way ANOVA: %CD68 Colocalization with Microglia	Fig. 4E		Fig. 5E	
Effect of Sex	$F_{1,38} = 0.001451$	0.9698	$F_{1,40} = 0.1337$	0.7166
Effect of Stress	$F_{1,38} = 2.592$	0.1157	$F_{1,40} = 0.007200$	0.9328
Effect of EtOH	$F_{1,38} = 3.463$	0.0705	$F_{1,40} = 0.2066$	0.6519
Sex x Stress Interaction	$F_{1,38} = 0.8684$	0.3573	$F_{1,40} = 0.5560$	0.4602
Sex x EtOH Interaction	$F_{1,38} = 1.673$	0.2036	$F_{1,40} = 0.004394$	0.9475
Stress x EtOH Interaction	$F_{1,38} = 2.935$	0.0948	$F_{1,40} = 0.9009$	0.3482
Sex x Stress x EtOH Interaction	$F_{1,38} = 0.8739$	0.3558	$F_{1,40} = 2.936$	0.0944
3-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺	Fig. 4F		Fig. 5F	
Effect of Sex	$F_{1,40} = 0.5891$	0.4473	$F_{1,38} = 0.02071$	0.8863

Effect of Stress	$F_{1,40} = 2.518$	0.1204	$F_{1,38} = 0.2375$	0.6288
Effect of EtOH	$F_{1,40} = 0.004818$	0.9450	$F_{1,38} = 0.7223$	0.4007
Sex x Stress Interaction	$F_{1,40} = 0.02018$	0.8878	$F_{1,38} = 2.187$	0.1474
Sex x EtOH Interaction	$F_{1,40} = 0.4629$	0.5002	$F_{1,38} = 3.405$	0.0728
Stress x EtOH Interaction	$F_{1,40} = 0.001456$	0.9698	$F_{1,38} = 0.013818$	0.9092
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.04654$	0.8303	$F_{1,38} = 0.1227$	0.7281
3-way ANOVA: %iNos Colocalization with Iba1	Fig. 4G		Fig. 5G	
Effect of Sex	$F_{1,39} = 0.1259$	0.7247	$F_{1,40} = 0.2053$	0.6529
Effect of Stress	$F_{1,39} = 0.5862$	0.4485	$F_{1,40} = 4.047$	0.0510
Effect of EtOH	$F_{1,39} = 0.2128$	0.6471	$F_{1,40} = 0.9758$	0.3292
Sex x Stress Interaction	$F_{1,39} = 1.036$	0.3149	$F_{1,40} = 1.665$	0.2043
Sex x EtOH Interaction	$F_{1,39} = 0.2209$	0.6410	$F_{1,40} = 1.427$	0.2393
Stress x EtOH Interaction	$F_{1,39} = 0.4402$	0.5109	$F_{1,40} = 0.2253$	0.6376
Sex x Stress x EtOH Interaction	$F_{1,39} = 3.089$	0.0867	$F_{1,40} = 1.322$	0.2570
3-way ANOVA: %Arg1 Colocalization with Iba1	Fig. 4H		Fig. 5H	
Effect of Sex	$F_{1,39} = 0.002577$	0.9598	$F_{1,40} = 0.2842$	0.5969
Effect of Stress	$F_{1,39} = 0.1119$	0.7398	$F_{1,40} = 4.063$	0.0506
Effect of EtOH	$F_{1,39} = 0.1295$	0.7209	$F_{1,40} = 0.4185$	0.5214
Sex x Stress Interaction	$F_{1,39} = 2.529$	0.1199	$F_{1,40} = 0.08430$	0.7731
Sex x EtOH Interaction	$F_{1,39} = 0.3733$	0.5448	$F_{1,40} = 0.06673$	0.7975
Stress x EtOH Interaction	$F_{1,39} = 0.001331$	0.9711	$F_{1,40} = 1.115$	0.2974
Sex x Stress x EtOH Interaction	$F_{1,39} = 1.040$	0.3141	$F_{1,40} = 0.2617$	0.6118

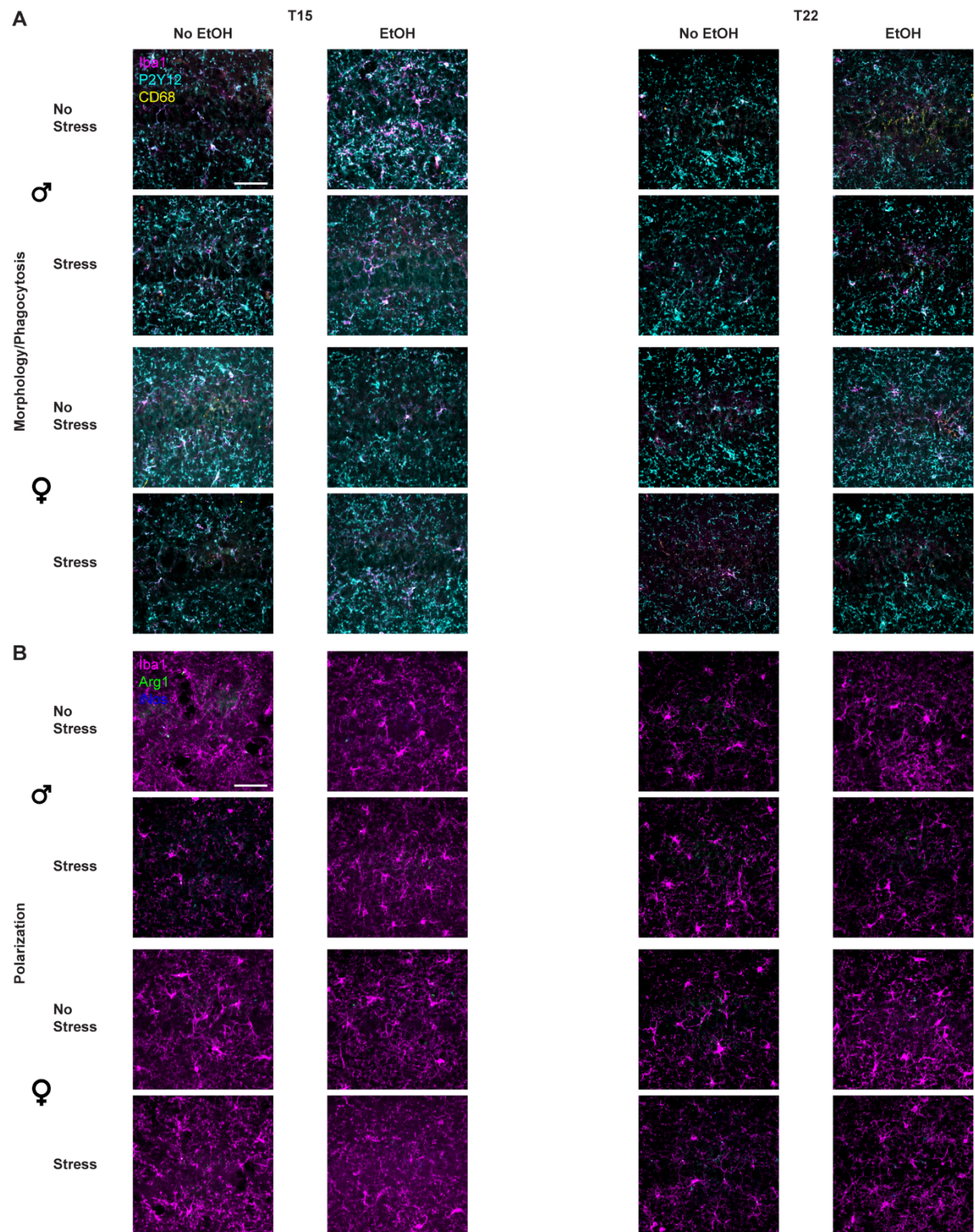


Fig. S3: Representative micrographs for CA1 microglia.
 Data shown in Figs. 6-7. All images are shown as Max Intensity Z-Projections. **A.** Representative images for the Morphology/Lysosome stain; Iba1 is magenta, P2Y12 is

cyan, and CD68 is yellow. **B.** Representative images for the Polarization stain; Iba1 is magenta, Arg1 is green, and iNos is blue. Scale bar = 50 μ m.

Table S3: Complete statistical analyses for characterization of CA1 microglia.

Data shown in Figs. 6-7 and S3. * $p < 0.05$.

	T15		T22	
Analysis	F / t	p	F / t	p
3-way ANOVA: Microglia Density	Fig. 6A		Fig. 7A	
Effect of Sex	$F_{1,40} = 0.3647$	0.5488	$F_{1,40} = 1.977$	0.1674
Effect of Stress	$F_{1,40} = 3.136$	0.0842	$F_{1,40} = 0.2721$	0.6048
Effect of EtOH	$F_{1,40} = 1.679$	0.2025	$F_{1,40} = 0.2982$	0.5881
Sex x Stress Interaction	$F_{1,40} = 0.06717$	0.7968	$F_{1,40} = 3.282$	0.0776
Sex x EtOH Interaction	$F_{1,40} = 0.5392$	0.4671	$F_{1,40} = 0.9961$	0.3243
Stress x EtOH Interaction	$F_{1,40} = 1.846e-014$	>0.9999	$F_{1,40} = 0.1017$	0.7515
Sex x Stress x EtOH Interaction	$F_{1,40} = 2.838$	0.0999	$F_{1,40} = 0.03313$	0.8565
3-way ANOVA: Microglia Soma Size	Fig. 6B		Fig. 7B	
Effect of Sex	$F_{1,40} = 0.8704$	0.3564	$F_{1,40} = 1.291$	0.2625
Effect of Stress	$F_{1,40} = 0.6902$	0.4110	$F_{1,40} = 0.008168$	0.9284
Effect of EtOH	$F_{1,40} = 0.5732$	0.4534	$F_{1,40} = 0.02822$	0.8674
Sex x Stress Interaction	$F_{1,40} = 5.739$	0.0214*	$F_{1,40} = 0.3882$	0.5368
Sex x EtOH Interaction	$F_{1,40} = 0.007586$	0.9310	$F_{1,40} = 0.1634$	0.6882
Stress x EtOH Interaction	$F_{1,40} = 0.6302$	0.4320	$F_{1,40} = 1.135$	0.2931
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.01932$	0.8901	$F_{1,40} = 0.3199$	0.5748
2-way ANOVA: Microglia Soma Size, Males	Fig. 6B			
Effect of Stress	$F_{1,20} = 4.543$	0.0456*		
Effect of EtOH	$F_{1,20} = 0.3110$	0.5832		
Stress x EtOH Interaction	$F_{1,20} = 0.3797$	0.5447		
Šídák's multiple comparisons test: Microglia Soma Size, Males	Fig. 6B			

No Stress/No EtOH v. No Stress/EtOH	$t = 0.04139$	0.9989		
Stress/No EtOH v. Stress/EtOH	$t = 0.8301$	0.6593		
No EtOH/No Stress v. No EtOH/Stress	$t = 1.071$	0.5054		
EtOH/No Stress v. EtOH/Stress	$t = 1.943$	0.1281		
2-way ANOVA: Microglia Soma Size, Females	Fig. 6B			
Effect of Stress	$F_{1,20} = 1.433$	0.2452		
Effect of EtOH	$F_{1,20} = 0.2628$	0.6138		
Stress x EtOH Interaction	$F_{1,20} = 0.2510$	0.6219		
3-way ANOVA: Branches per Microglia	Fig. 6C		Fig. 7C	
Effect of Sex	$F_{1,40} = 0.4230$	0.5192	$F_{1,40} = 2.512$	0.1209
Effect of Stress	$F_{1,40} =$ 0.005900	0.9392	$F_{1,40} = 0.3860$	0.5379
Effect of EtOH	$F_{1,40} = 3.431$	0.0714	$F_{1,40} = 0.2549$	0.6164
Sex x Stress Interaction	$F_{1,40} = 2.682$	0.1093	$F_{1,40} = 2.460$	0.1247
Sex x EtOH Interaction	$F_{1,40} = 0.6160$	0.4372	$F_{1,40} = 1.959$	0.1693
Stress x EtOH Interaction	$F_{1,40} =$ 0.007748	0.9303	$F_{1,40} = 0.3119$	0.5796
Sex x Stress x EtOH Interaction	$F_{1,40} = 2.154$	0.1500	$F_{1,40} =$ 0.09718	0.7569
3-way ANOVA: Max Branch Length	Fig. 6D		Fig. 7D	
Effect of Sex	$F_{1,37} = 1.051$	0.3119	$F_{1,39} = 0.1128$	0.7388
Effect of Stress	$F_{1,37} = 0.5785$	0.4517	$F_{1,39} = 0.6162$	0.4372
Effect of EtOH	$F_{1,37} = 0.7525$	0.3913	$F_{1,39} = 0.2892$	0.5938
Sex x Stress Interaction	$F_{1,37} = 0.4718$	0.4964	$F_{1,39} = 2.057$	0.1595
Sex x EtOH Interaction	$F_{1,37} = 0.1723$	0.6805	$F_{1,39} =$ 0.0007983	0.9776
Stress x EtOH Interaction	$F_{1,37} = 1.048$	0.3126	$F_{1,39} = 0.4326$	0.5146
Sex x Stress x EtOH Interaction	$F_{1,37} = 2.055$	0.1601	$F_{1,39} = 0.2749$	0.6030
3-way ANOVA: %CD68 Colocalization with Microglia	Fig. 6E		Fig. 7E	

Effect of Sex	$F_{1,39} = 0.06064$	0.8068	$F_{1,38} = 0.3313$	0.5683
Effect of Stress	$F_{1,39} = 0.04270$	0.8374	$F_{1,38} = 0.7376$	0.3958
Effect of EtOH	$F_{1,39} = 1.056$	0.3104	$F_{1,38} = 0.7009$	0.4077
Sex x Stress Interaction	$F_{1,39} = 0.01309$	0.9095	$F_{1,38} = 0.1877$	0.6673
Sex x EtOH Interaction	$F_{1,39} = 0.7188$	0.4017	$F_{1,38} = 7.100$	0.0113*
Stress x EtOH Interaction	$F_{1,39} = 2.509$	0.1213	$F_{1,38} = 0.1301$	0.7203
Sex x Stress x EtOH Interaction	$F_{1,39} = 2.023$	0.1629	$F_{1,38} = 3.455$	0.0708
2-way ANOVA: %CD68 Colocalization with Microglia, Males			Fig. 7E	
Effect of Stress			$F_{1,19} = 0.1030$	0.7518
Effect of EtOH			$F_{1,19} = 6.971$	0.0161*
Stress x EtOH Interaction			$F_{1,19} = 1.276$	0.2728
Šídák's multiple comparisons test: %CD68 Colocalization with Microglia, Males			Fig. 7E	
No Stress/No EtOH v. No Stress/EtOH			$t = 1.095$	0.4921
Stress/No EtOH v. Stress/EtOH			$t = 2.604$	0.0345*
No EtOH/No Stress v. No EtOH/Stress			$t = 1.002$	0.5497
EtOH/No Stress v. EtOH/Stress			$t = 0.5858$	0.8107
2-way ANOVA: %CD68 Colocalization with Microglia, Females			Fig. 7E	
Effect of Stress			$F_{1,19} = 0.7449$	0.3989
Effect of EtOH			$F_{1,19} = 1.490$	0.2371
Stress x EtOH Interaction			$F_{1,19} = 2.198$	0.1546
3-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺	Fig. 6F		Fig. 7F	
Effect of Sex	$F_{1,40} = 0.1981$	0.6586	$F_{1,40} = 3.073$	0.0873
Effect of Stress	$F_{1,40} = 0.6327$	0.4311	$F_{1,40} = 0.02317$	0.8798

Effect of EtOH	$F_{1,40} = 1.697$	0.2002	$F_{1,40} = 0.1769$	0.6763
Sex x Stress Interaction	$F_{1,40} = 0.1915$	0.6640	$F_{1,40} = 0.1379$	0.7123
Sex x EtOH Interaction	$F_{1,40} = 0.1235$	0.7272	$F_{1,40} = 0.1220$	0.7288
Stress x EtOH Interaction	$F_{1,40} = 0.04656$	0.8303	$F_{1,40} = 0.01493$	0.9033
Sex x Stress x EtOH Interaction	$F_{1,40} = 4.120$	0.0491*	$F_{1,40} = 0.1993$	0.6577
2-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺ , Males	Fig. 6F			
Effect of Stress	$F_{1,20} = 0.04373$	0.8365		
Effect of EtOH	$F_{1,20} = 0.9346$	0.3452		
Stress x EtOH Interaction	$F_{1,20} = 1.723$	0.2042		
2-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺ , Females	Fig. 6F			
Effect of Stress	$F_{1,20} = 1.417$	0.2479		
Effect of EtOH	$F_{1,20} = 0.8431$	0.3695		
Stress x EtOH Interaction	$F_{1,20} = 3.066$	0.0953		
3-way ANOVA: %iNos Colocalization with Iba1	Fig. 6G		Fig. 7G	
Effect of Sex	$F_{1,40} = 0.1017$	0.7514	$F_{1,39} = 0.005792$	0.9397
Effect of Stress	$F_{1,40} = 0.2571$	0.6149	$F_{1,39} = 0.3479$	0.5587
Effect of EtOH	$F_{1,40} = 1.855$	0.1808	$F_{1,39} = 0.1673$	0.6847
Sex x Stress Interaction	$F_{1,40} = 0.04503$	0.8330	$F_{1,39} = 7.849$	0.0079**
Sex x EtOH Interaction	$F_{1,40} = 1.918$	0.1738	$F_{1,39} = 0.8254$	0.3692
Stress x EtOH Interaction	$F_{1,40} = 0.001248$	0.9720	$F_{1,39} = 0.3204$	0.5746
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.977$	0.1675	$F_{1,39} = 0.1239$	0.7267
2-way ANOVA: %iNos Colocalization with Iba1, Males			Fig. 7G	
Effect of Stress			$F_{1,19} = 4.803$	0.0411*
Effect of EtOH			$F_{1,19} = 0.7249$	0.4051
Stress x EtOH Interaction			$F_{1,19} = 0.3519$	0.5600

Šídák's multiple comparisons test: %iNos Colocalization with Iba1, Males			Fig. 7G	
No Stress/No EtOH v. No Stress/EtOH			$t = 1.047$	0.3083
Stress/No EtOH v. Stress/EtOH			$t = 0.1784$	0.8603
No EtOH/No Stress v. No EtOH/Stress			$t = 1.924$	0.0695
EtOH/No Stress v. EtOH/Stress			$t = 1.158$	0.2612
2-way ANOVA: %iNos Colocalization with Iba1, Females			Fig. 7G	
Effect of Stress			$F_{1,20} = 2.986$	0.0994
Effect of EtOH			$F_{1,20} = 0.1523$	0.7005
Stress x EtOH Interaction			$F_{1,20} = 0.02797$	0.8689
3-way ANOVA: %Arg1 Colocalization with Iba1	Fig. 6H		Fig. 7H	
Effect of Sex	$F_{1,39} = 0.03618$	0.8501	$F_{1,40} = 0.007092$	0.9333
Effect of Stress	$F_{1,39} = 2.523$	0.1203	$F_{1,40} = 0.002553$	0.9600
Effect of EtOH	$F_{1,39} = 2.882$	0.0975	$F_{1,40} = 1.021$	0.3183
Sex x Stress Interaction	$F_{1,39} = 0.5125$	0.4783	$F_{1,40} = 0.06383$	0.8018
Sex x EtOH Interaction	$F_{1,39} = 1.280$	0.2648	$F_{1,40} = 0.3676$	0.5477
Stress x EtOH Interaction	$F_{1,39} = 1.090$	0.3029	$F_{1,40} = 0.8896$	0.3512
Sex x Stress x EtOH Interaction	$F_{1,39} = 2.415$	0.1282	$F_{1,40} = 0.1918$	0.6638

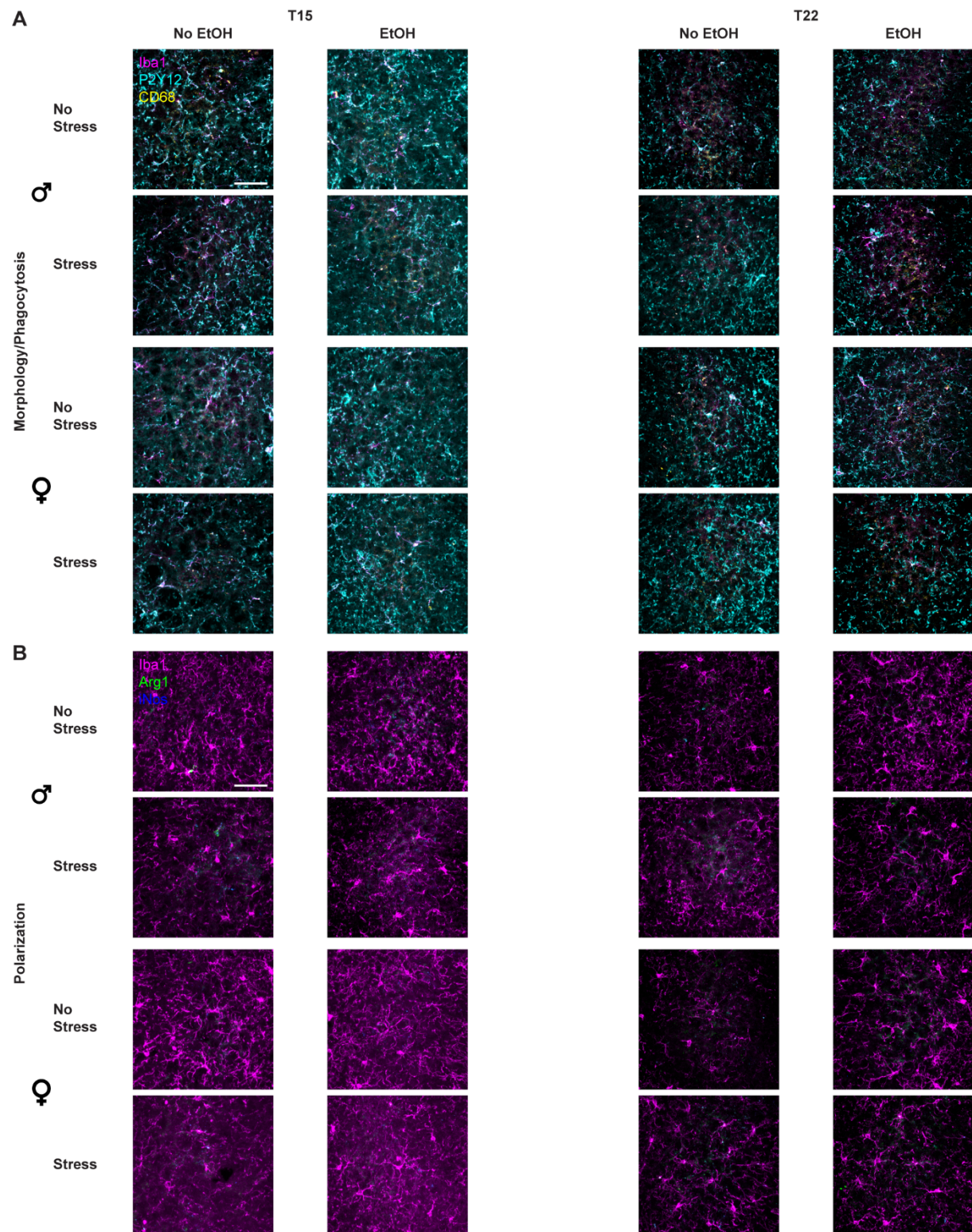


Fig. S4: Representative micrographs for CA3 microglia.
 Data shown in Figs. 8-9. All images are shown as Max Intensity Z-Projections. **A.**
 Representative images for the Morphology/Lysosome stain; Iba1 is magenta, P2Y12 is

cyan, and CD68 is yellow. **B.** Representative images for the Polarization stain; Iba1 is magenta, Arg1 is green, and iNos is blue. Scale bar = 50 μ m.

Table S4: Complete statistical analyses for characterization of CA3 microglia.

Data shown in Figs. 8-9 and S4. * $p < 0.05$; ** $p < 0.01$.

	T15		T22	
Analysis	F / t	p	F / t	p
3-way ANOVA: Microglia Density	Fig. 8A		Fig. 9A	
Effect of Sex	$F_{1,40} = 0.0006745$	0.9794	$F_{1,40} = 3.389$	0.0730
Effect of Stress	$F_{1,40} = 2.348$	0.1333	$F_{1,40} = 1.406$	0.2428
Effect of EtOH	$F_{1,40} = 0.4917$	0.4872	$F_{1,40} = 1.186$	0.2826
Sex x Stress Interaction	$F_{1,40} = 0.8262$	0.3688	$F_{1,40} = 3.461$	0.0702
Sex x EtOH Interaction	$F_{1,40} = 0.03305$	0.8567	$F_{1,40} = 0.2416$	0.6257
Stress x EtOH Interaction	$F_{1,40} = 0.2975$	0.5885	$F_{1,40} = 0.2610$	0.6123
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.895$	0.1763	$F_{1,40} = 0.4423$	0.5098
3-way ANOVA: Microglia Soma Size	Fig. 8B		Fig. 9B	
Effect of Sex	$F_{1,40} = 0.006672$	0.9353	$F_{1,39} = 4.507$	0.0401*
Effect of Stress	$F_{1,40} = 1.661$	0.2049	$F_{1,39} = 0.01782$	0.8945
Effect of EtOH	$F_{1,40} = 0.02800$	0.8680	$F_{1,39} = 0.06973$	0.7931
Sex x Stress Interaction	$F_{1,40} = 1.482$	0.2306	$F_{1,39} = 0.1079$	0.7443
Sex x EtOH Interaction	$F_{1,40} = 0.1182$	0.7328	$F_{1,39} = 0.04457$	0.8339
Stress x EtOH Interaction	$F_{1,40} = 0.6810$	0.4141	$F_{1,39} = 0.0004148$	0.9839
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.06622$	0.7982	$F_{1,39} = 1.647$	0.2069
3-way ANOVA: Branches per Microglia	Fig. 8C		Fig. 9C	
Effect of Sex	$F_{1,39} = 2.134$	0.1521	$F_{1,40} = 4.178$	0.0476*
Effect of Stress	$F_{1,39} = 4.647$	0.0373*	$F_{1,40} = 0.01562$	0.9012
Effect of EtOH	$F_{1,39} = 0.1377$	0.7126	$F_{1,40} = 0.1537$	0.6971
Sex x Stress Interaction	$F_{1,39} = 3.972$	0.0533	$F_{1,40} = 2.637$	0.1122

Sex x EtOH Interaction	$F_{1,39} = 0.01717$	0.8964	$F_{1,40} = 1.127$	0.2949
Stress x EtOH Interaction	$F_{1,39} = 0.2004$	0.6569	$F_{1,40} = 1.219$	0.2761
Sex x Stress x EtOH Interaction	$F_{1,39} = 2.720$	0.1071	$F_{1,40} = 0.3580$	0.5530
3-way ANOVA: Max Branch Length	Fig. 8D		Fig. 9D	
Effect of Sex	$F_{1,40} = 0.7343$	0.3969	$F_{1,40} = 1.192$	0.2814
Effect of Stress	$F_{1,40} = 3.731$	0.0609	$F_{1,40} = 0.02974$	0.8639
Effect of EtOH	$F_{1,40} = 1.655$	0.2061	$F_{1,40} = 2.067$	0.1583
Sex x Stress Interaction	$F_{1,40} = 0.4035$	0.5291	$F_{1,40} = 2.425$	0.1273
Sex x EtOH Interaction	$F_{1,40} = 0.1710$	0.6815	$F_{1,40} = 0.03629$	0.8499
Stress x EtOH Interaction	$F_{1,40} = 2.869$	0.0985	$F_{1,40} = 0.4011$	0.5301
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.1448$	0.7056	$F_{1,40} = 0.3214$	0.5739
3-way ANOVA: %CD68 Colocalization with Microglia	Fig. 8E		Fig. 9E	
Effect of Sex	$F_{1,40} = 5.442$	0.0248*	$F_{1,39} = 9.9685$	0.3311
Effect of Stress	$F_{1,40} = 0.04512$	0.8329	$F_{1,39} = 6.434$	0.0153*
Effect of EtOH	$F_{1,40} = 7.581$	0.0088**	$F_{1,39} = 0.4048$	0.5283
Sex x Stress Interaction	$F_{1,40} = 0.003077$	0.9560	$F_{1,39} = 0.8974$	0.3493
Sex x EtOH Interaction	$F_{1,40} = 0.04127$	0.8400	$F_{1,39} = 1.529$	0.2237
Stress x EtOH Interaction	$F_{1,40} = 0.3798$	0.5412	$F_{1,39} = 1.824e-005$	0.9966
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.1705$	0.6818	$F_{1,39} = 1.257$	0.2691
3-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺	Fig. 8F		Fig. 9F	
Effect of Sex	$F_{1,40} = 0.2493$	0.6203	$F_{1,40} = 0.4670$	0.4983
Effect of Stress	$F_{1,40} = 0.0001753$	0.9895	$F_{1,40} = 2.003$	0.1648
Effect of EtOH	$F_{1,40} = 1.319$	0.2576	$F_{1,40} = 0.004019$	0.9498
Sex x Stress Interaction	$F_{1,40} = 0.07739$	0.7823	$F_{1,40} = 1.665$	0.2043

Sex x EtOH Interaction	$F_{1,40} = 0.1066$	0.7457	$F_{1,40} = 0.6681$	0.4185
Stress x EtOH Interaction	$F_{1,40} = 0.1849$	0.6695	$F_{1,40} = 1.564$	0.2183
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.2382$	0.6282	$F_{1,40} = 0.2689$	0.6069
3-way ANOVA: %iNos Colocalization with Iba1	Fig. 8G		Fig. 9G	
Effect of Sex	$F_{1,39} = 0.9525$	0.3351	$F_{1,39} = 0.4011$	0.5302
Effect of Stress	$F_{1,39} = 0.1216$	0.7292	$F_{1,39} = 0.01875$	0.8918
Effect of EtOH	$F_{1,39} = 2.744$	0.1057	$F_{1,39} = 0.2550$	0.6164
Sex x Stress Interaction	$F_{1,39} = 0.05892$	0.8095	$F_{1,39} = 7.705$	0.0084**
Sex x EtOH Interaction	$F_{1,39} = 4.331$	0.0440*	$F_{1,39} = 0.3191$	0.5754
Stress x EtOH Interaction	$F_{1,39} = 0.01026$	0.9198	$F_{1,39} = 0.1211$	0.7297
Sex x Stress x EtOH Interaction	$F_{1,39} = 0.3110$	0.5803	$F_{1,39} = 0.005933$	0.9390
2-way ANOVA: %iNos Colocalization with Iba1, Males	Fig. 8G		Fig. 9G	
Effect of Stress	$F_{1,19} = 0.01476$	0.9046	$F_{1,19} = 2.623$	0.1218
Effect of EtOH	$F_{1,19} = 0.2370$	0.6319	$F_{1,19} = 0.001110$	0.9738
Stress x EtOH Interaction	$F_{1,19} = 0.2737$	0.6069	$F_{1,19} = 0.05587$	0.8157
2-way ANOVA: %iNos Colocalization with Iba1, Females	Fig. 8G		Fig. 9G	
Effect of Stress	$F_{1,20} = 0.1122$	0.7411	$F_{1,20} = 7.926$	0.0107*
Effect of EtOH	$F_{1,20} = 4.482$	0.0470*	$F_{1,20} = 1.303$	0.2672
Stress x EtOH Interaction	$F_{1,20} = 0.1393$	0.7129	$F_{1,20} = 0.08360$	0.7755
Šídák's multiple comparisons test: %iNos Colocalization with Iba1, Females	Fig. 8G		Fig. 9G	
No Stress/No EtOH v. No Stress/EtOH	$t = 1.233$	0.4099	$t = 0.6026$	0.5536
Stress/No EtOH v. Stress/EtOH	$t = 1.761$	0.1783	$t = 1.011$	0.3239
No EtOH/No Stress v. No EtOH/Stress	$t = 0.5008$	0.8571	$t = 2.195$	0.0401*

EtOH/No Stress v. EtOH/Stress	$t = 0.02703$	0.9995	$t = 1.786$	0.0892
3-way ANOVA: %Arg1 Colocalization with Iba1	Fig. 8H		Fig. 9H	
Effect of Sex	$F_{1,39} = 0.6256$	0.4338	$F_{1,39} = 0.1610$	0.6904
Effect of Stress	$F_{1,39} = 1.159$	0.2883	$F_{1,39} = 0.1806$	0.6732
Effect of EtOH	$F_{1,39} = 2.095$	0.1558	$F_{1,39} = 0.03851$	0.8454
Sex x Stress Interaction	$F_{1,39} = 0.1217$	0.7290	$F_{1,39} = 0.1552$	0.6957
Sex x EtOH Interaction	$F_{1,39} = 2.455$	0.1252	$F_{1,39} = 1.379$	0.2474
Stress x EtOH Interaction	$F_{1,39} = 0.02931$	0.8649	$F_{1,39} = 0.0002369$	0.9878
Sex x Stress x EtOH Interaction	$F_{1,39} = 1.080$	0.3051	$F_{1,39} = 0.08366$	0.7739

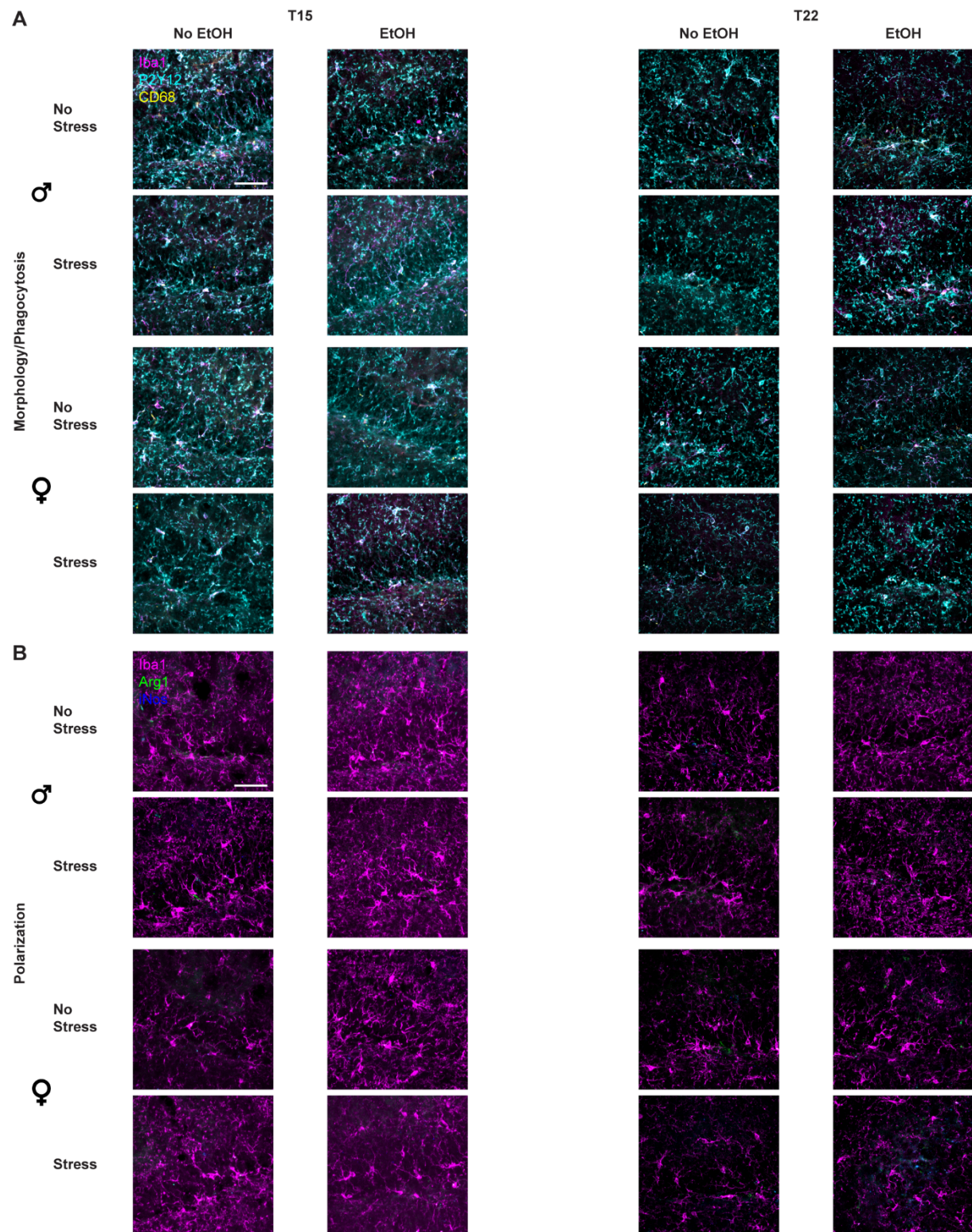


Fig. S5: Representative micrographs for DG microglia.
 Data shown in Figs. 10-11. All images are shown as Max Intensity Z-Projections. **A.** Representative images for the Morphology/Lysosome stain; Iba1 is magenta, P2Y12 is

cyan, and CD68 is yellow. **B.** Representative images for the Polarization stain; Iba1 is magenta, Arg1 is green, and iNos is blue. Scale bar = 50 μ m.

Table S5: Complete statistical analyses for characterization of DG microglia.

Data shown in Figs. 10-11 and S5. * $p < 0.05$; ** $p < 0.01$.

	T15		T22	
Analysis	<i>F</i> / <i>t</i>	<i>p</i>	<i>F</i> / <i>t</i>	<i>p</i>
3-way ANOVA: Microglia Density	Fig. 10A		Fig. 11A	
Effect of Sex	$F_{1,40} = 0.9625$	0.3324	$F_{1,40} = 0.3730$	0.5449
Effect of Stress	$F_{1,40} = 1.866$	0.1795	$F_{1,40} = 0.7428$	0.3939
Effect of EtOH	$F_{1,40} = 1.917$	0.1739	$F_{1,40} = 0.2824$	0.5981
Sex x Stress Interaction	$F_{1,40} = 1.231$	0.2739	$F_{1,40} = 6.163$	0.0173*
Sex x EtOH Interaction	$F_{1,40} = 0.9989$	0.3236	$F_{1,40} = 0.5324$	0.4698
Stress x EtOH Interaction	$F_{1,40} = 0.9625$	0.3324	$F_{1,40} = 0.4403$	0.5108
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.191$	0.2817	$F_{1,40} = 4.187$	0.0473*
2-way ANOVA: Microglia Density, Males			Fig. 11A	
Effect of Stress			$F_{1,20} = 1.370$	0.2555
Effect of EtOH			$F_{1,20} = 0.8297$	0.3732
Stress x EtOH Interaction			$F_{1,20} = 0.9974$	0.3299
2-way ANOVA: Microglia Density, Females			Fig. 11A	
Effect of Stress			$F_{1,20} = 5.369$	0.0312*
Effect of EtOH			$F_{1,20} = 0.01887$	0.8921
Stress x EtOH Interaction			$F_{1,20} = 3.525$	0.0751
Šídák's multiple comparisons test: Microglia Density, Females			Fig. 11A	
No Stress/No EtOH v. No Stress/EtOH			$t = 1.425$	0.3105
Stress/No EtOH v. Stress/EtOH			$t = 1.230$	0.4114
No EtOH/No Stress v. No EtOH/Stress			$t = 0.3108$	0.9420
EtOH/No Stress v. EtOH/Stress			$t = 2.966$	0.0152*

3-way ANOVA: Microglia Soma Size	Fig. 10B		Fig. 11B	
Effect of Sex	$F_{1,39} = 1.227$	0.2748	$F_{1,40} = 0.01689$	0.8972
Effect of Stress	$F_{1,39} = 0.5510$	0.4623	$F_{1,40} = 0.2511$	0.6191
Effect of EtOH	$F_{1,39} = 0.1288$	0.7216	$F_{1,40} = 1.634$	0.2085
Sex x Stress Interaction	$F_{1,39} = 0.1554$	0.6956	$F_{1,40} = 0.8585$	0.3597
Sex x EtOH Interaction	$F_{1,39} = 0.3472$	0.5591	$F_{1,40} = 0.1253$	0.7252
Stress x EtOH Interaction	$F_{1,39} = 0.2268$	0.6365	$F_{1,40} = 0.04536$	0.8324
Sex x Stress x EtOH Interaction	$F_{1,39} = 1.188$	0.2825	$F_{1,40} = 0.8513$	0.3617
3-way ANOVA: Branches per Microglia	Fig. 10C		Fig. 11C	
Effect of Sex	$F_{1,40} = 0.01359$	0.9078	$F_{1,40} = 0.1096$	0.7423
Effect of Stress	$F_{1,40} = 0.9415$	0.3377	$F_{1,40} = 0.2419$	0.6255
Effect of EtOH	$F_{1,40} = 2.944$	0.0939	$F_{1,40} = 0.7710$	0.3851
Sex x Stress Interaction	$F_{1,40} = 0.9994$	0.3235	$F_{1,40} = 3.683$	0.0621
Sex x EtOH Interaction	$F_{1,40} = 0.08172$	0.7765	$F_{1,40} = 0.6376$	0.4293
Stress x EtOH Interaction	$F_{1,40} = 1.936$	0.1718	$F_{1,40} = 0.2888$	0.5940
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.5562$	0.4601	$F_{1,40} = 1.366$	0.2494
3-way ANOVA: Max Branch Length	Fig. 10D		Fig. 11D	
Effect of Sex	$F_{1,38} = 0.3227$	0.5733	$F_{1,39} = 1.357$	0.2511
Effect of Stress	$F_{1,38} = 0.07322$	0.7882	$F_{1,39} = 2.758e-005$	0.9958
Effect of EtOH	$F_{1,38} = 1.972$	0.1683	$F_{1,39} = 0.1962$	0.6603
Sex x Stress Interaction	$F_{1,38} = 1.748$	0.1940	$F_{1,39} = 2.093$	0.1560
Sex x EtOH Interaction	$F_{1,38} = 0.5926$	0.4462	$F_{1,39} = 0.3419$	0.5621
Stress x EtOH Interaction	$F_{1,38} = 0.0006834$	0.9793	$F_{1,39} = 0.06454$	0.8008
Sex x Stress x EtOH Interaction	$F_{1,38} = 2.216$	0.1499	$F_{1,39} = 2.995$	0.0914
3-way ANOVA: %CD68 Colocalization with Microglia	Fig. 10E		Fig. 11E	
Effect of Sex	$F_{1,40} = 0.5531$	0.4614	$F_{1,40} = 0.7516$	0.3911
Effect of Stress	$F_{1,40} = 0.06827$	0.7952	$F_{1,40} = 2.476$	0.1235

Effect of EtOH	$F_{1,40} = 2.103$	0.1548	$F_{1,40} = 9.145\text{e-}005$	0.9924
Sex x Stress Interaction	$F_{1,40} = 0.5332$	0.4695	$F_{1,40} = 1.287$	0.2634
Sex x EtOH Interaction	$F_{1,40} = 1.052$	0.3112	$F_{1,40} = 0.1927$	0.6631
Stress x EtOH Interaction	$F_{1,40} = 0.3070$	0.5826	$F_{1,40} = 0.4248$	0.5183
Sex x Stress x EtOH Interaction	$F_{1,40} = 0.5365$	0.4682	$F_{1,40} = 0.01401$	0.9064
3-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺	Fig. 10F		Fig. 11F	
Effect of Sex	$F_{1,40} = 0.1617$	0.6897	$F_{1,40} = 1.581$	0.2159
Effect of Stress	$F_{1,40} = 0.5161$	0.4767	$F_{1,40} = 0.3160$	0.5772
Effect of EtOH	$F_{1,40} = 0.3480$	0.5586	$F_{1,40} = 2.157$	0.1498
Sex x Stress Interaction	$F_{1,40} = 1.286$	0.2636	$F_{1,40} = 0.1133$	0.7382
Sex x EtOH Interaction	$F_{1,40} = 0.8010$	0.3762	$F_{1,40} = 3.899$	0.0553
Stress x EtOH Interaction	$F_{1,40} = 4.784$	0.0346*	$F_{1,40} = 0.2158$	0.6448
Sex x Stress x EtOH Interaction	$F_{1,40} = 4.422$	0.0418*	$F_{1,40} = 0.1562$	0.6948
2-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺ , Males	Fig. 10F			
Effect of Stress	$F_{1,20} = 1.413$	0.2485		
Effect of EtOH	$F_{1,20} = 0.9079$	0.3520		
Stress x EtOH Interaction	$F_{1,20} = 7.579$	0.0123*		
Šídák's multiple comparisons test: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺ , Males	Fig. 10F			
No Stress/No EtOH v. No Stress/EtOH	$t = 1.273$	0.3879		
Stress/No EtOH v. Stress/EtOH	$t = 2.620$	0.0325*		
No EtOH/No Stress v. No EtOH/Stress	$t = 2.787$	0.0226*		
EtOH/No Stress v. EtOH/Stress	$t = 1.106$	0.4842		
2-way ANOVA: iNos ⁺ Iba1 ⁺ / Arg1 ⁺ Iba1 ⁺ , Females	Fig. 10F			
Effect of Stress	$F_{1,20} = 1.099$	0.7438		
Effect of EtOH	$F_{1,20} = 0.05922$	0.8102		
Stress x EtOH Interaction	$F_{1,20} = 0.004514$	0.9471		

3-way ANOVA: %iNos Colocalization with Iba1	Fig. 10G		Fig. 11G	
Effect of Sex	$F_{1,40} = 0.5712$	0.4542	$F_{1,40} = 0.04056$	0.8414
Effect of Stress	$F_{1,40} = 0.2170$	0.6439	$F_{1,40} = 1.918$	0.1738
Effect of EtOH	$F_{1,40} = 7.384$	0.0097**	$F_{1,40} = 1.601$	0.2130
Sex x Stress Interaction	$F_{1,40} = 0.7314$	0.3975	$F_{1,40} = 0.5587$	0.4591
Sex x EtOH Interaction	$F_{1,40} = 2.584$	0.1158	$F_{1,40} = 0.1108$	0.7410
Stress x EtOH Interaction	$F_{1,40} = 0.5941$	0.4454	$F_{1,40} = 0.000000249$	0.9996
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.262$	0.2680	$F_{1,40} = 0.5626$	0.4576
3-way ANOVA: %Arg1 Colocalization with Iba1	Fig. 10H		Fig. 11H	
Effect of Sex	$F_{1,40} = 0.01904$	0.8909	$F_{1,40} = 0.0002887$	0.9865
Effect of Stress	$F_{1,40} = 0.002881$	0.9575	$F_{1,40} = 0.6238$	0.4343
Effect of EtOH	$F_{1,40} = 1.394$	0.2446	$F_{1,40} = 5.828$	0.0204*
Sex x Stress Interaction	$F_{1,40} = 2.870$	0.0980	$F_{1,40} = 0.1274$	0.7231
Sex x EtOH Interaction	$F_{1,40} = 2.330$	0.1347	$F_{1,40} = 1.216$	0.2767
Stress x EtOH Interaction	$F_{1,40} = 0.5758$	0.4524	$F_{1,40} = 0.2534$	0.6175
Sex x Stress x EtOH Interaction	$F_{1,40} = 1.017$	0.3193	$F_{1,40} = 0.007520$	0.9313